

SF

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/658,173	CHEN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Hung T. Vy	2821	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the RCE filed on 8/4/05 and interview on 8/22/05.

2.  The allowed claim(s) is/are 1-16.

3.  The drawings filed on 08 September 2003 are accepted by the Examiner.

4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)  All    b)  Some\*    c)  None    of the:

1.  Certified copies of the priority documents have been received.

2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.

(a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  
1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.

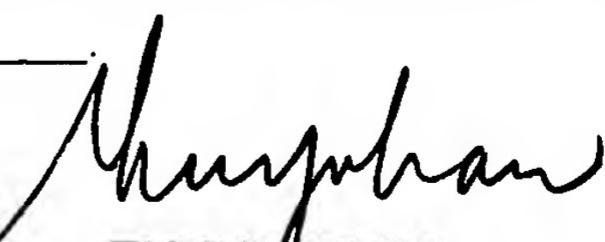
(b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
Paper No./Mail Date \_\_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

- 1.  Notice of References Cited (PTO-892)
- 5.  Notice of Informal Patent Application (PTO-152)
- 2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 6.  Interview Summary (PTO-413), v.4.  
Paper No./Mail Date 20050829.
- 3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
- 7.  Examiner's Amendment/Comment
- 4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
- 8.  Examiner's Statement of Reasons for Allowance
- 9.  Other \_\_\_\_\_



THUY V. TRAN  
PRIMARY EXAMINER

1. In response to RCE filed on 8/4/2005 and the amendment filed on 07/15/2005, the claims 1-16 have been fully considered and are persuasive. The previous office action has been withdrawn and claims 1-16 are allowed.

**Examiner's Amendment**

2. An examiner's amendment to the record appears below. Should the changes and /or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.3.12. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. The following claim has been amended upon agreement by applicant during a telephone conversation with Mr Jiawei Huang on August 22, 2005.

In claim 1, line 8, the phase "wherein the radiator is off-site from the ground layer with" has been changed to – a projection of the radiator is out side of the ground layer with --

In claim 5, line 8, the phase "wherein the radiator is off-site from the ground layer with" has been changed to – a projection of the radiator is out side of the ground layer with –

In claim 9, line 7, the phase "wherein the ground layer is off-site from the radiator and " has been changed to – a projection of the radiator is out side of the ground layer and --

**Reasons for Allowance**

4. Claims 1-16 are allowed

The following is an examiner's statement of reason for allowance:

None of the references of record teaches or suggests the claimed an antenna on a printed circuit board (PCB) with a compensating capacitor, the antenna comprising, along with all the other claimed feature, **only a portion of the tuning section is bended to overlap the ground layer while the length of the tuning section is reduced and an a projection of the radiator is out side of the ground layer.**

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

### **Conclusion**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung VY whose telephone number is (571) 272-1954. The examiner can normally be reached on Monday-Friday 8:30 am - 5:30pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DON WONG can be reached on (571) 272-1834. The fax numbers for the organization where this application or proceeding is assigned are (571) 273-8300 for regular communications and (703) 308-7722 for After Final communications.

Information regarding the status of an application may be obtained from the patent Application Information Retrieval (PAIR) system. Status information for published application may be obtained from either private Pair or Public Pair. Status information for unpublished applications is available through Private Pair only. For more information

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about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have question on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hung T. Vy  
Art Unit 2821  
August 28, 2005.



THUY V. TRAN  
PRIMARY EXAMINER